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(21) International Application Number: PCT/EP99/03392 (22) International Filing Date: 17 May 1999 (17.05.99) (30) Priority Data: 98109688.6 28 May 1998 (28.05.98) EP (71) Applicant (for all designated States except US): BAYER AKTIENGESELLSCHAFT [DE/DE]; D-51368 Leverkusen (DE). (72) Inventors; and (75) Inventors/Applicants (for US only): BURCHARDT, Elmar, Reinhold [DE/DE]; Damaschkeweg 69, D-42113 Wuppertal (DE). KROLL, Werner [DE/DE]; Pfaffenberger Weg 310, D-42659 Solingen (DE). GEHRMANN, Mathias [DE/DE]; Rosenstrasse 68, D-47918 Tönisvorst (DE). SCHRÖDER, Werner [DE/DE]; Am Rohm 91, D-42113 Wuppertal (DE). (74) Common Representative: BAYER AKTIENGESELLSCHAFT; D-51368 Leverkusen (DE).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: MONOCLONAL ANTIBODY AND ASSAY FOR DETECTING PIINP (57) Abstract The present invention relates to monoclonal antibodies binding to the N-terminal procollagen (III) propeptide (PIINP) molecule which is a proteolytic fragment emanating from the specific cleavage of procollagen (III) by N-proteinase after exocytosis and to an assay using these antibodies.		

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